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 TI Phenolic resin compositions
 PA Sumitomo Bakelite Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 4 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
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 CC 37-6 (Plastics Manufacture and Processing)
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AB Al(OH)₃ can be added as a flame retardant to phenolic resol compn. without interfering with the crosslinking reaction if it is combined with gypsum in a ratio of 0.5-0.40:1. Resol phenolic resin 100, water 10, gypsum 100, Al(OH)₃ 15, and 60% aq. p-toluenesulfonic acid curing catalysts 15 parts were mixed and applied to a 300-g/m² glass fiber mat, left overnight at 15.degree., then heated to 50.degree. for 2 h to obtain a reinforced plate approx. 3-mm thick, which past the Japanese Transport Ministry flammability test.

ST aluminum hydroxide fireproofers phenolic resin; resol
 flame retardant aluminum hydroxide; gypsum
 aluminum hydroxide flame retardant; calcium
 sulfate aluminum hydroxide fireproofers

IT Fireproofing agents
 (aluminum hydroxide-gypsum mixts., for